

WEEKLY STATUS REPORT #9
Parcel E Standard Data Gaps Investigation
Hunters Point Shipyard, San Francisco, California
February 6, 2003

1. WORK ACCOMPLISHED THIS WEEK

FIELD WORK

Phase II Onshore Data Gap Investigation

- The Navy initiated borings and well installation in IR03 on January 27, 2003 and has completed 21 soil borings. The remaining 15 deeper borings (15-foot) that may be converted to wells was initiated however, due to refusals, an auger rig will be needed for the drilling. The auger rig is scheduled on February 10-11, 2003.
- Three locations were re-sampled due to laboratory-related issues

Five soil borings encountered refusal again after re-attempting with the auger-rig. After evaluating these borings the Navy decided that only two of these will have to be re-drilled. Each will be moved approximately 20-feet away from their original location and the boring and sample collection will be re-attempted.

- QC procedures followed:
 - collected MS/MSD samples,
 - Prepared daily rinsate samples for each rig and trip blanks for each cooler containing samples for volatile organic analyses.
 - Enter information on the chain-of-custody forms accompanying each cooler to the laboratory.
- Data-entry procedures for field information:
 - Enter the sample location and chain-of-custody information into the sample tracking database, and e-mail the information nightly to Tetra Tech.
 - Enter the geologic information from the boring logs into the boring log database, and upload the information nightly to Tetra Tech.
 - Enter the results of each day's drilling efforts into the drilling database.

REMAINING SCHEDULE OF ACTIVITIES

Approximately 12 soil samples have been identified by the laboratory as requiring re-sampling as of 2-6-03. These locations will be re-sampled after completion of the IR03 borings/wells by February 28, 2003.

The completed analytical data packages for the remaining samples (excluding resamples) from the laboratory are anticipated by March 14, 2003. Following this, the data is typically sent to Tetra Tech for processing. Upon complete processing of the electronic data deliverables (EDDs), the analytical data is then sent to a third party data validator. This process typically takes about 4 weeks for completion assuming that there is a continuous flow of data the data validator.

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The first complete set of data is expected to be available by March 24, 2003 and the current estimate for the entire set of data (including re-samples) is June 13, 2003.

LABORATORY ANALYSIS

Laboratory analyses of soil and aqueous samples (rinsates and trip blanks) from Phase II continued. Primary lab is nearing completion of the analytical work, anticipates completion by February 11. Primary lab has reported several additional samples for which QC limits have not been met. Because these samples are far outside the EPA recommended holding time, these samples shall be re-acquired and re-sampled.

Secondary lab is also near completion of the work that it has received. Secondary lab reports several re-extractions needed due to QC failures, but corrective actions have been taken within holding times, and as such do not necessitate any actions outside the lab. Secondary lab reports GPC cleanup is being successfully performed on two GPC instruments.

The Navy's contractors continue to be in communication with primary and secondary laboratory project managers; reviewed analysis issues; reviewed status of analytical batches, cleanup procedures and sample throughput.

DATA MANAGEMENT

The primary lab has submitted approximately 24 data packages to date. These have been submitted to Lab Data Consultants (LDC) of Carlsbad, California, for verification and validation. LDC reported several data package errors that required the lab to correct and re-issue the data packages. Most were typographical errors, or parity errors with the associated electronic data deliverable.

The primary lab is continuing to submit electronic data deliverables (EDD) to Tetra Tech for review. EDD formatting issues persist; several EDDs were deemed unacceptable. The desired changes were communicated to the lab, and the lab performed these changes and re-submitted these EDDs. Upon review the lab was notified that further changes were required, necessitating another re-submission of certain EDDs. These revisions are anticipated next week.

The secondary lab has submitted twenty eight data packages and EDD's for the hexavalent chromium analysis, and several data packages / EDD's in which the sample analyses include SVOC, Pesticides, and other organic analyses. ITSI and Tetra Tech are reviewing this data. Approximately nine EDD's have been processed and sent to LDC for validation.

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2. PROJECTED WORK NEXT WEEK

FIELD WORK

Drilling of the 15 borings/wells at IR03 is expected to start on February 10-11, 2003 due to availability of the auger drilling rig. Re-sample collection should be completed by February 28, 2003.

LABORATORY ANALYSIS

Analytical samples will continue to be submitted and all parties will continue to resolve the laboratory issues discussed above. Field samples will be submitted to the secondary laboratory. Primary lab is continuing extraction and analysis of samples in its possession. Analyses of samples at the primary lab should be completed based on the above schedule.

DATA MANAGEMENT

The primary lab has stated that five additional sample delivery groups are projected to arrive next week.

Secondary lab reports that data package production for the latest work received will occur at a slower rate than previously experienced, due to the fact that the latest work is not limited to a single analysis. Lab projects that data packages and EDD's will be delivered on time.